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HARDY PLANTS *for the Home Garden*

WISCONSIN WILD FLOWERS
PERENNIALS

— AND —

HERB PLANTS



A. E. VATTER

Violet, birdsfoot - *Viola pedata*

FALL OF 1941

W. A. TOOLE

of Garry - nee - Dule

BARABOO, WISCONSIN

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Department of Agriculture

AN INVITATION

If your summer travels bring you near to Baraboo we hope you will call at Garry-nee-Dule where you are always welcome. Here you will find, besides the nursery and greenhouses, an Old Fashioned Garden of Herbs, Perennial Borders, Rock Gardens, Pool and Wildflower Garden. Garry-nee-Dule is located on Highway 12, two miles Southwest of Baraboo. Highway 12 is the main traffic route between Chicago, and St. Paul-Minneapolis and the Northwest.

I know you will greatly enjoy a visit in Mrs. Toole's Herb Kitchen. This is an old fashioned room with hand hewn beams, old white pine finish, rough stone fireplace and of course a fascinating display of flavorful and sweet smelling herbs and herb products Mrs. Toole and her helpers have prepared for your enjoyment.

WHAT DOES GARRY-NEE-DULE MEAN?

Many of our friends ask us the meaning of "Garry-nee-Dule," the name of our home and Nursery. It is the phonetic spelling of "Garrdhani-Tuthail," ancient Gaelic or Irish meaning Garden of the Tooles.

RUSH ORDERS

For rush orders kindly use Western Union as that enables us to have a record of incoming communications thus preventing mistakes.

W. A. Toole, Owner.
Bernard Harkness, Manager.

DELIVERY CHARGES PREPAID

Please note that our prices on all retail orders include prepayment of delivery charges, if your order amounts to \$1.00 or more. On plant orders of less than \$1.00, 15c should be included for parcel post.

WE GUARANTEE

We sincerely try to grow and pack our plants to reach you in the best possible condition. Should we fail to do this, as sometimes happens, please let us know at once and we will try to make adjustments that are satisfactory to you. We guarantee our plants to reach you in live growing condition. Any plants proving to be not true to name will be replaced if you will notify us within reasonable time.

SPECIAL OFFER

On all orders for fall delivery that are paid by the first of October a bonus to amount of ten percent of the order may be added. You may select your bonus plants or we will gladly choose for you from our collection of new and choice plants many of which are not yet listed in the catalog.

Wisconsin Native Ferns

There is something about the quiet beauty and graceful form of our wild ferns that holds an attraction for us even though they lack brilliantly colored flowers. Hardy ferns are being used a great deal for planting in shaded spots in the home garden and the rock garden as well as for shaded borders or woodland paths.

Do not plant ferns with much covering over the crowns, just enough to anchor them to the soil. The Ostrich Fern should be set with part of the crown above the soil. All of the ferns are adapted to both spring and fall planting, though late spring or summer planting of the larger varieties requires extra care in providing constant moisture until the roots are established. If planted in the fall, mulch with leaves or straw for protection over the first winter. If planted during the growing season and the tops become broken or bruised, cut them off and new fronds will soon appear.

Most all ferns require a plentiful supply of leaf mold, peat or other loose humus in the soil to give the best results. Ferns have a tendency to ripen off early in the season if the summer is very hot and dry. Frequent and plentiful watering will extend their season very materially.

While some ferns will endure and even thrive in sun if provided with sufficient moisture, all varieties seem to enjoy a measure of protection from bright sunlight, varying from light shade at mid-day with such varieties as Pellaea, Cheilanthes and Rusty Woodsia to the dense shadows of heavy forests enjoyed by the Maidenhair Fern.

In the limited space of a catalog it is not possible to go into extensive details, so if you have any special problems with your Wild Flowers or Ferns or Native Shrubs, just feel free to write me and I will gladly help you if I can.—W. A. Toole.

BRITTLE FERN

Cystopteris fragilis

Delicately cut fronds up to twelve inches long. For the shaded moist rock garden. 12 for \$2.00; Each 25c.

BULBLET FERN

Cystopteris bulbifera

Long narrow graceful fronds up to 24 inches long. Tiny little bulblets on the back of the fronds drop off to start new plants. Shade and good humus soil. 100 for \$10.00; 12 for \$2.00; Each 25c.

CHRISTMAS FERN

Polystichum achrosticoides

Evergreen fern with dark green, leathery fronds. Enjoys fairly heavy shade and rich humus soil. An excellent kind for growing indoors. 100 for \$15.00; 12 for \$2.50; Each 25c.

CINNAMON FERN

Osmunda cinnamomea

A tall attractive fern that thrives where the soil is moist. Fine for stream side planting. Foliage good until fall. 100 for \$15.00; 12 for \$2.50; Each 25c.

CLIFF-BRAKE, PURPLE

Pellaea atropurpurea

Beautiful blue-green leathery fronds on dark purple stems up to 12 inches. Likes well-drained sandy soil and light shade. 100 for \$15.00; 12 for \$2.50; Each 25c.

CRESTED FERN

Dryopteris cristata

Grows in wet woods but transplants readily to other soils. Long narrow bright green frond. Sterile fronds evergreen. 100 for \$12.00; 12 for \$2.00; Each 25c.

GOLDIE-FERN

Dryopteris Goldiana

A dark green wide frond to three feet. Stands out among other ferns with distinction. From rich woods. 12 for \$2.50; Each 25c.

HAY-SCENTED FERN

Dennstedtia punctilobula

We are listing this Eastern fern which does not occur in Wisconsin because we believe it to be the best for a ground cover in poor soil and open sun. It forms those generous clumps you may have seen in New England pastures. Graceful light green fronds with the fragrance of new-mown hay. 100 for \$15.00; 12 for \$2.50; Each 25c.

INTERRUPTED FERN*Osmunda Claytoniana*

A tall growing luxuriant fern of light green color up to four feet. The brown sections in middle of some fronds are the seed-producers, hence interrupted fern. For light shade and well drained soils. 100 for \$15.00; 12 for \$2.50; Each 25c.

LADY FERN*Athyrium angustum*

One of the indispensable varieties where a graceful fern growing up to three feet is needed. Although it will grow under widely varying conditions, it does best in a rich humus soil, well drained but never lacking for moisture. 100 for \$12.00; 12 for \$2.50; Each 25c.

MAIDENHAIR FERN*Adiantum pedatum*

A favorite among our native ferns. It thrives in deeper shade than most kinds. Shining brown stem up to 24 inches with a horizontal frond of delicate texture. Appreciates well prepared soil with leaf mold and shade and some protection from wind. 100 for \$12.00; 12 for \$2.00; Each 25c.

OSTRICH FERN*Pteritis nodulosa*

Usually found native in damp stream bottoms but seems to thrive in any humus soil and shade. Beautiful divided fronds, resembling an ostrich plume up to five feet growing in vase shape. Spreads into clumps. 100 for \$12.00; 12 for \$2.50; Each 25c.

POLYPODY, COMMON*Polypodium virginianum*

Forms running mats on shaded rocks. Small evergreen fronds up to 8 inches. Keep well watered until established. 100 for \$12.00; 12 for \$2.00; Each 20c.

RATTLESNAKE FERN*Botrychium virginianum*

Single triangular frond which bears the fruiting spores on an extended stalk. 18 inches. Grows in damp shady woods. 12 for \$2.50; 3 for 65c; Each 25c.

ROYAL FERN*Osmunda regalis*

At its best in wet soils, but is attractive though of lower growth on drier soils. Large luxuriant fronds growing from 18 inches to 5 feet depending on fertility and moisture. 100 for \$15.00; 12 for \$2.50; Each 25c.

SENSITIVE FERN*Onoclea sensibilis*

Very coarsely cut leaf. Valuable for planting along stream sides or in damp spots in the larger wild garden but not in restricted areas because the growing point shifts position every year. 100 for \$12.00; 12 for \$2.00; Each 20c.

SPLEENWORT, MAIDENHAIR*Asplenium trichomanes*

A tiny fern of delicate beauty. Has a purple stem and maidenhair-fern-like fronds. Rocky crevices in rich humus and shade. 100 for \$15.00; 12 for \$2.50; Each 25c.

SPLEENWORT, NARROW-LEAVED*Athyrium pycnocarpon*

An uncommon and distinctive fern. The two foot frond is light green and thin in texture; the leaflets undivided and wavy. 100 for \$15.00; 12 for \$2.50; Each 25c.

SPLEENWORT, SILVERY*Athyrium thelypteroides*

A long tapering frond up to 30 inches. Resembles Lady Fern but has silvery fruit dots. Uncommon in our damp shaded woods. 100 for \$15.00; 12 for \$2.50; Each 25c.

WALKING FERN*Camptosorus rhizophyllus*

Small evergreen, limestone dwelling fern. Has long arrow-shaped leaves that taper out into tips that bend down and take root forming a new plant. Protect from sun and drying out. 12 for \$2.50; 3 for 65c; Each 25c.

WOODFERN, EVERGREEN*Dryopteris marginalis*

Dark green leathery fronds, up to 24 inches long, evergreen and one of most persistent in foliage effect. Responds well in heavy shade. 100 for \$12.00; 12 for \$2.00; Each 25c.

WOODFERN, FANCY*Dryopteris spinulosa*

More delicate, finely cut fronds, up to 24 inches, of lighter green than the preceding. Desirable for home planting or rocky woodland paths. 100 for \$10.00; 12 for \$2.00; Each 25c.

WOODSIA, COMMON***Woodsia obtusa***

Six to ten inch fronds. A graceful little fern for shaded rock clefts. 100 for \$12.00; 12 for \$2.00; Each 20c.

WOODSIA, RUSTY***Woodsia ilvensis***

Four to six inch fronds somewhat roughened with scales that turn brown giving its name of rusty. Grows on more exposed and sunny rock ledges than the common woodsia. 100 for \$12.00; 12 for \$2.00; Each 20c.

**SPECIAL SELECTION FOR A COOL GARDEN OF FERNS FOR THAT
SHADED NOOK**

For those of you who love the beauty of ferns but are not sure which kinds to select I suggest this group as giving an interesting variety. You will find they will make a beauty spot along the north side of your house or other shaded place, either alone or combined with other native plants. Avoid regularity in planting, but allow from 12 to 15 or 18 inches space for each fern. The Ostrich and Interrupted Ferns grow the tallest.

This Fern Bed includes 10 Ostrich, 10 Lady, 10 Interrupted and 6 Maidenhair ferns. 36 choice ferns delivered to you \$5.00. One half of the above, 18 plants delivered for \$3.00.

SPECIAL OFFER OF LITTLE FERNS FOR SMALL SPACES

If you have a shaded spot in your Rock Garden, or a little water fall or other suitable spot, perhaps this selection will be just what you want. Three each of Walking Fern, Common Polypody, Maidenhair Spleenwort and Obtuse Woodsia, 12 in all for only \$2.00.

**THE FERNS AND FERN ALLIES OF WISCONSIN, by Tyron, Fassett, Dunlop,
and Diemer—1940**

A profusely illustrated manual of 158 pages. All the information necessary for an intensive study of Wisconsin ferns as well as a ready answer to casual questions. A fortunate endowment has made it possible to sell at less than cost. Postpaid, \$1.00.

Wisconsin Wild Flowers

Those who have once treasured and nursed a wild flower into bloom in their own garden or watched the tender new frond of a fern unfold its beauty under their own protection seem ever after more appreciative of plants in their wild haunts, and more anxious to conserve their beauty for all the world to enjoy.

Each year as people learn to know and love our own wild flowers, we see less wanton destruction of our native flora, and more desire to truly conserve our native landscape.

In line with this spirit of conservation we are growing as many of our native plants in our own nursery each year as we possibly can and each year's experience adds to our knowledge of the secrets of the successful propagation of new kinds.

Others are gathered only from lands we know will soon pass into cultivation or will be destroyed by pasturing, or come from remote spots rarely or never visited by flower lovers.

Fall is a better time to plant many of the spring wild flowers. Dormant bulbs and roots are easily handled now. For large plantings of *Mertensia*, *Trilliums*, Dutchman's Breeches and the like we particularly recommend this season for planting. After planting return a mulch of rotted leaves for winter covering or peat moss may be substituted in small areas.

NATIVE ORCHIDS

SHOWY LADY SLIPPER***Cypripedium Reginae***

Though mostly found in bogs often in sphagnum moss, its roots have been found to be distributed through a neutral layer of soil beneath. Give neutral

soil, shade, and plenty of moisture. Large white flowers with pouch flushed rose-purple on leafy stems up to 30 inches. The latest to flower, in late June. 100 for \$30.00; 12 for \$4.00; 3 for \$1.00; Each 40c.

WHITE LADY SLIPPER

Cypripedium candidum

Found in open meadows just above swampy areas in neutral to slightly alkaline soil. In cultivation give constant moisture, neutral or slightly limy soil, and light shifting shade. Our nursery stock has responded to a top-dressing of bone meal. Small ivory-white slippers on 12 inch leafy stems in May. 100 for \$30.00; 12 for \$4.00; 3 for \$1.00; Each 40c.

YELLOW LADY SLIPPER

Cypripedium pubescens

The easiest of the Lady Slippers to grow and always lovely. Just plant them among your ferns and other wild flowers where they will have moderate shade and not too dry a situation. A slightly acid leaf mold soil is appreciated. Yellow and brown effect on leafy stems up to 18 inches in May. 100 for \$20.00; 12 for \$3.50; 3 for 95c; Each 35c.

Our native Lady Slippers are perhaps the most popular of all our wild flowers. All the *Cypripediums* are sold by the bud, thus a clump with six buds is counted the same as six plants.

PURPLE FRINGED ORCHID

Habenaria psycodes

Showy July flowering in dense spikes of lilac flowers. From our open meadows in neutral or slightly limy soil. 12 for \$4.00; 3 for \$1.00; Each 40c.

PUTTY-ROOT

Aplectum hyemale

Also called Adam and Eve. Has a large plantain-like leaf that persists over winter. Flowers yellowish on a spike. From our upland woods. 12 for \$2.50; 3 for 65c; Each 25c.

RATTLESNAKE PLANTAIN

Epipactis pubescens

Low rosette of white-veined leaves. Excellent in terrariums and, in the shaded wild garden, notable for late summer spikes of white flowers as well. 12 for \$2.00; 3 for 50c; Each 20c.

WOODLAND PLANTS FOR SHADE

ALUM-ROOT

Heuchera americana

Flowers not showy but the green and bronzed leaves make excellent foliage effect. May be used in part sun. 12 for \$2.00; Each 20c.

BANEERRY, RED

Actaea rubra

Baneberries add interest and color to the shaded wild garden when flowers are scarce. Sturdy plants two feet high with fluffy balls of white flowers in early May. In July come the colorful scarlet berries. 100 for \$15.00; 12 for \$2.00; Each 20c.

WHITE FRUITED FORM OF ABOVE *Actaea rubra forma neglecta*

This makes an interesting companion to the above—the berries have the same glossy surface as the red and are about three weeks earlier in fruit than the regular white baneberry. 12 for \$4.00; 3 for \$1.00; Each 40c.

BANEERRY, WHITE

Actaea alba

A little taller plant than red baneberry, otherwise much alike. Ivory-white berries with black tips, sometimes likened to doll's eyes, in August. In a well-prepared bed one of the most permanent of wild flowers. 100 for \$15.00; 12 for \$2.50; Each 25c.

BLOODROOT*Sanguinaria canadensis*

White flowers in early spring as its leaves are unfolding. Large round scalloped blue-green leaves. From an orange-fleshed tuber. 100 for \$10.00; 12 for \$1.50; Each 15c.

BLUEBELLS, VIRGINIA*Mertensia virginica*

Beautiful pink buds changing to tubular blue flowers. Attractive blue-green foliage which ripens off and disappears soon after the flowering season of late April or early May. Plant the heavy black roots in very early spring or from July to freezing up time. Plant in masses for a beautiful effect. 100 for \$8.00; 12 for \$1.25; Each 15c.

CARDINAL FLOWER*Lobelia cardinalis*

Spikes of lovely cardinal red in late summer up to three feet. Thrives in rich rather moist soil. Needs a winter mulch of leaves. 100 for \$12.00; 12 for \$2.00; Each 20c.

COHOSH, AMERICAN*Cimicifuga americana*

An excellent plant for woodlands. Wide spreading foliage and a branched flowerhead of white flowers. Up to 3 or 4 feet in June. 12 for \$2.50; 3 for 65c; Each 25c.

COHOSH, BLUE*Caulophyllum thalictroides*

Foliage purplish when unfolding in spring. Finely cut leaves up to two feet. Flowers yellowish. Showy blue berries in August. 100 for \$12.00; 12 for \$2.00; Each 20c.

CRINKLEROOT*Dentaria laciniata*

One of the grand May flower show in our woods. About ten inches high with white nodding flowers. 12 for \$1.00; Each 15c.

DOGTOOTH VIOLET, WHITE*Erythronium albidum*

Long oval leaf somewhat mottled that carpets the woodlands. White tinted lavender lily-like flower. From bulbs. 100 for \$6.00; 12 for \$1.00; Each 15c.

DOGTOOTH VIOLET, YELLOW*Erythronium americanum*

Not so freely flowering as above, a light yellow, but leaves conspicuously mottled. 100 for \$6.00; 12 for \$1.00; Each 15c.

DUTCHMANS BREECHES*Dicentra cucullaria*

Fern-like leaves in spring which die away in hot weather. The trouser-like white flowers have indeed a Dutchman's waistline with golden trimmings in April. From a bulb found in rich leaf mold. 100 for \$8.00; 12 for \$1.25; Each 15c.

GERANIUM, WILD*Geranium maculatum*

Dark pink flowers on leafy plants up to 18 inches. Not showy but a nice plant for shaded gardens. 12 for \$2.50; Each 20c.

GINGER, WILD*Asarum canadense*

The soft texture of the large heart-shaped leaves about 8 inches from the creeping root-stalks makes this one of the best woodland carpets. One needs to search close to the ground for the reddish-brown bell flowers in May. 100 for \$10.00; 12 for \$1.50; Each 20c.

GINSENG*Panax quinquefolium*

Three large leaves on a slender stalk up to 18 inches. Flowers not showy but bears bright red berries in late summer. Has an interesting history in the China trade. 12 for \$2.50; 3 for 65c; Each 25c.

GREEN DRAGON*Arisaema dracontium*

This cousin of Jack-in-the-Pulpit is less often seen. It is as tall or taller than Jack with the leaf divided into many finger-like projections. The tubular spathe is green and the spadix extends out several inches beyond the spathe. The fruit is orange-yellow. 12 for \$2.50; 3 for 65c; Each 25c.

HEPATICA*Hepatica acutiloba*

An easily grown and favorite early spring wild flower. Just give it a well prepared humus bed and you will enjoy the white, pink or lavender, even blue and almost purple flowers arising from the previous year's still green leaves. The new foliage is attractive all summer. Attracted the early colonists because of a supposed resemblance of the leaf to form of the liver, hence by the doctrine of signatures, a sovereign remedy for ailments of that organ. 100 for \$10.00; 12 for \$1.50; 4 for 50c; Each 20c.

HEPATICA, ROUNDOBED***Hepatica triloba***

If you have a natural or a prepared acid soil area try in it this hepatica. The same as above except for the leaf. 100 for \$12.00; 12 for \$2.00; Each 20c.

JACK-IN-THE-PULPIT***Arisaema triphyllum***

Jack is one of the Methodist persuasion, I think, anyway he readily moves his pulpit from the woods to your garden. Occasionally we find giant ones, regular Henry Ward Beechers, from bulbs 5 inches across. 100 for \$10.00; 12 for \$1.50; 3 for 40c; Each 20c.

JACOBS LADDER***Polemonium reptans***

Light blue flowers in late spring with abundant fern-like foliage that persists till freezing. Will also thrive in sunny rock garden if protected from drought. 100 for \$12.00; 12 for \$2.00; Each 20c.

LOBELIA, BLUE***Lobelia syphilitica***

Valuable for its blue flower spikes up to two feet in August. Increases readily from self-sown seed. 12 for \$2.00; Each 20c.

LOBELIA, WHITE***Lobelia syphilitica alba***

Pure white form of preceding. Choice. 12 for \$2.50; 3 for 65c; Each 25c.

MAYAPPLE***Podophyllum peltatum***

In nature grows abundantly in clumps. Waxy white flowers in May set between two umbrella-like leaves about one foot high. Fragrant, edible yellow fruit in summer. 12 for \$1.50; Each 15c.

MERRYBELLS***Uvularia grandiflora***

Very effective when planted in clumps. Yellow flowers and attractive foliage in May up to 15 inches. 100 for \$10.00; 12 for \$1.50; Each 15c.

PARTRIDGE BERRY***Mitchella repens***

Mats of small green leaves with delicate pink flowers in spring followed by red berries in early fall. A good ground cover for shaded acid soil. Excellent for terrariums. 100 for \$10.00; 12 for \$1.50; Each 20c.

PHLOX, WILD BLUE***Phlox divaricata***

Though commonly seen in open woods we find a sunny or partly shaded situation results in stronger growth. Masses of delicate blue flowers in May. 100 for \$12.00; 12 for \$2.00; Each 20c.

PHLOX, WHITE***Phlox divaricata alba***

White form of the preceding. 100 for \$15.00; 12 for \$2.00; Each 25c.

RUE ANEMONE***Anemonella thalictroides***

A spring flower dainty in all its parts. Airy white flowers and delicate foliage. 12 for \$1.50; Each 15c.

SNAKEROOT, WHITE***Eupatorium urticaefolium***

Broad heads of white ageratum-like flowers in August and September. Up to 3 feet. Makes a good cut flower. 12 for \$2.00; Each 20c.

SOLOMONS PLUME***Smilacina racemosa***

Two foot stalks of creamy, plummy flowers in May. In July come the red-streaked berries. An excellent plant that increases to sizeable clumps. 12 for \$2.00; Each 20c.

SOLOMONS SEAL***Polygonatum biflorum***

Gracefully arching two foot leafy stalk with green bells hanging underneath in May followed by pairs of blue berries. 100 for \$12.00; 12 for \$2.00; Each 20c.

SOLOMONS SEAL, GIANT***Polygonatum commutatum***

Taller, up to four feet, and a month later in flower and fruit than preceding. 100 for \$12.00; 12 for \$2.00; Each 20c.

SPRING BEAUTY***Claytonia virginica***

That carpet of narrow leaves, about 4 inches high, bearing pink-striped flowers in late April, is Spring Beauty. Summer finds no trace of the plant. From bulbs, plant shallowly. 12 for \$1.50; 3 for 40c; Each 15c.

SQUIRREL CORN***Dicentra canadensis***

Tiny pink and white flowers, foliage like Dutchmans Breeches. From a small yellow bulb just below surface of ground. Requires loose leaf mold soil. 100 for \$8.00; 12 for \$1.25; Each 15c.

TRILLIUM, NODDING***Trillium cernuum***

Flowers in late May on 18 inch stems. The graceful white flowers hang

their heads down in a modest old-fashioned way. 100 for \$10.00; 12 for \$1.50; Each 15c.

TRILLIUM, PRAIRIE**Trillium recurvatum**

Brownish-red flowers rising from mottled leaves in late May. About 12 inches tall. 100 for \$10.00; 12 for \$1.50; Each 15c.

TRILLIUM, SHOWY**Trillium grandiflorum**

Whether you grow but a single plant or naturalize them in thousands in open woods you will enjoy the white butterfly-like flowers that open here in early May. In aging they turn pinkish. Up to 18 inches. 1000 for \$60.00; 100 for \$7.00; 12 for \$1.25; Each 15c.

TRILLIUM, SNOW**Trillium nivale**

In a grand rush to flower the snow trillium pushes up thru lingering snows. White flowers and plants eventually up to 5 inches. Choice. 100 for \$12.00; 12 for \$2.00; Each 20c.

TWINLEAF**Jeffersonia diphylla**

A cousin to bloodroot. White flowers early in May after which the curiously divided leaves expand up to 15 inches. For well prepared leaf mold and shade. 12 for \$2.50; 3 for 65c; Each 25c.

VIOLET, BLUE**Viola cucullata**

The deep blue violet that children everywhere pick. In cultivation produces large leafy plants and spreads readily even in sunny gardens. 100 for \$8.00; 12 for \$1.25; Each 15c.

VIOLET, CANADA**Viola canadensis**

Foot tall branching stems with white flowers tinted lavender on reverse of petals. Flowers in May with scattering bloom throughout summer and fall. 100 for \$12.00; 12 for \$2.00; Each 20c.

VIOLET, CONFEDERATE**Viola cucullata var**

Large white flowers generally with a blue center, making the confederate colors. 12 for \$1.25; Each 15c.

VIOLET, FRECKLES**Viola cucullata var**

The blue violet with the color spotted on a white background. Seedlings come true to parent color. 12 for \$1.50; Each 20c.

VIOLET, TALL YELLOW**Viola pubescens**

Branching stems one foot tall, yellow flowers in late May. 12 for \$1.50; Each 20c.

WILD FLOWER GARDEN FOR SHADE

Perhaps you have a shaded spot somewhere around your house or grounds, but do not know what to order or plant. We have made this selection of varieties that are not difficult to grow and are not particular to soil acidity. All they ask is a loose fertile soil with plenty of leaf mold or peat moss mixed in. We have found that in naturally stiff soils a generous amount of coarse sand helps a great deal.

This selection of plants requires moderate shade and some moisture all through the growing season. The special offer consists of:

4 Yellow Lady Slipper, 8 Mertensia, 8 Showy Trillium, 8 Wild Blue Phlox, 6 Bloodroot, 6 Hepatica, 4 White Baneberry, 4 Red Baneberry, 6 Jacob's Ladder, 4 Yellow Violet, 4 Solomon's Plume, 4 Blue Lobelia, 4 Squirrel Corn, 4 Blue Cohosh, 6 Wild Ginger.

Substitutions permitted for not over two varieties.

Eighty plants as above, delivered free, for \$10.00.

Forty plants, ½ of above, delivery paid, for \$5.00.

PRAIRIE AND MEADOW PLANTS FOR SUN

ANEMONE, MEADOW**Anemone canadensis**

White flowers carried above the foliage up to two feet tall in June. Will tolerate some shade. Likes a moist situation. 100 for \$10.00; 12 for \$2.00; Each 20c.

ASTER, KUMLEINS

This open prairie aster ranges eastward into Wisconsin. It makes a glorious display of pink or lavender-blue flowers in September, making mounds up to 15 inches. Neat narrow leaves and its root spread is not alarming. A choice plant. 12 for \$2.50; 3 for 65c; Each 25c.

Aster Kumleini**ASTER, NEW ENGLAND**

Makes a vigorous growth up to five feet. Pinch back in summer for a lower spreading plant. September flowering in shades of rich purple, rose, lavender, and white. 100 for \$15.00; 12 for \$2.50; Each 25c.

Aster novae-angliae**ASTER, SAVORY LEAVED**

Neat compact plants to 10 inches high with narrow stiff green leaves and blue flowers in September. Sunny porous sandy soil. 100 for \$12.00; 12 for \$2.00; Each 20c.

Aster linariifolius**ASTER, SILKYLEAVED**

Fine silvery hairs give a silky sheen to the leaves. To 18 inches with light violet flowers in September. From sandy soils. 100 for \$15.00; 12 for \$2.50; Each 25c.

Aster sericeus**BEEBALM, LAVENDER**

Summer flowering light lavender heads. A fragrant leaved plant growing up to 3 feet. 12 for \$2.00; 3 for 50c; Each 20c.

Monarda fistulosa**BLUEBELLS, SCOTCH**

Beautiful in its association with rocks and cliffs all over the temperate zone, yet we often find it growing on level sandy waste land and on grassy road banks. Delicate blue bells from June till fall. 100 for \$15.00; 12 for \$2.50; Each 25c.

Campanula rotundifolia**BLUE-EYED GRASS**

A tiny member of the iris family. Tufts of grassy foliage from which bright blue flowers spring in May and later. Up to 12 inches; 12 for \$1.50; Each 15c.

Sisyrinchium angustifolium**BONESET**

Grayish white flowers in broad heads in late summer. Up to four feet in moist soil. 12 for \$2.00; Each 25c.

Eupatorium perfoliatum**COLUMBINE**

Often associated with rocks both dry and wet. Red and yellow flowers in late May. A showy and easily grown plant that will stand part shade. 100 for \$12.00; 12 for \$2.00; Each 25c.

Aquilegia canadensis**COMPASS PLANT**

Large cut leaves that are usually lined up north and south so as to receive full benefit of sunshine. Yellow daisies in summer. Tall plant of the prairies. 12 for \$2.50; 3 for 65c; Each 25c.

Silphium laciniatum**CONEFLOWER**

Yellow flowers with long drooping petals in August. Tall plant of our roadsides. 12 for \$2.50; Each 25c.

Lepachys pinnata**CULVERS ROOT**

The graceful slender spikes of white or lightly tinted flowers are very effective planted among shrubs. Up to five feet, mid-summer flowering. 100 for \$12.00; 12 for \$2.00; Each 20c.

Veronica virginica**FRINGED WORMWOOD**

We have offered this plant before and many rock-gardeners have used it. It is included here to represent the characteristic plains gray-leaved plants. Blending yellowish bells at the end of feathery spikes in August. 12 for \$2.50; 3 for 65c; Each 25c.

Artemisia frigida**GAYFEATHER, KANSAS**

Tall spikes of purplish flowers in late summer. Up to 5 feet tall. Well drained but not dry soil, open sun. 100 for \$12.00; 12 for \$2.00; Each 20c.

Liatris pycnostachya**GENTIAN, BOTTLE**

The deep blue of the bottle or closed gentian carries color into the wild garden late into the fall. Glossy leaves on stems up to two feet. Also does well in light shade. 100 for \$15.00; 12 for \$2.50; Each 25c.

Gentiana Andrewsii**GUMBO LILY**

Amazing large white Evening Primroses from a rosette of long glossy

Oenothera caespitosa

leaves. Flowers last well thru the day and bloom is practically continuous from May to August. 12 for \$2.50; 3 for 65c; Each 25c.

IRONWEED*Vernonia altissima*

Striking summer accent plant with rich purple broad heads of flowers. Grows 6 to 8 feet. 12 for \$2.00; 3 for 50c; Each 20c.

JOE-PYE-WEED*Eupatorium purpureum*

Broad heads of pink to reddish purple flowers in late summer. Up to 6 feet. 12 for \$2.00; Each 20c.

MEADOWRU, TALL*Thalictrum polygamum*

Fluffy heads of flowers on 4 or 5 foot stems in summer. Decorative fern-like foliage. 12 for \$2.50; 3 for 65c; Each 25c.

MILKWEED, ORANGE*Asclepias tuberosa*

Also known as Butterfly-weed. Brilliant orange heads in late June and July. Common to northern sandy areas, but easily grown in open well drained soils. Up to 2 feet. 100 for \$15.00; 12 for \$2.50; Each 25c.

PASQUEFLOWER*Anemone patens*

Somewhat paler in color than the Pulsatilla of Europe. Flowers appear early very close to ground as the first silky leaves are coming forth, later the silky plumes and leaves make a wide bushy growth up to 15 inches. Common to our sandy waste land, give well drained soil and some acidity. 100 for \$12.00; 12 for \$2.00; Each 20c.

PENSTEMON, FOXGLOVE*Penstemon digitalis*

Tall, up to five feet, smooth-leaved. Spike of white flowers good for cutting in July. 12 for \$2.50; Each 25c.

PENSTEMON, HAIRY*Penstemon hirsutus*

Growing to two feet with light lavender flowers freely produced in May and June. Good in the rock garden where it spreads by seed. 12 for \$2.00; Each 20c.

PENSTEMON, SHELL-LEAF*Penstemon grandiflorus*

Sparingly present in Wisconsin but abundantly farther west, this is a beautiful plant. Flowers as large as a foxglove of a beautiful shade of lavender-blue in June. Lovely glaucous blue leaves on a stout stem up to two feet. 12 for \$2.50; 3 for 65c; Each 25c.

PHLOX, PRAIRIE*Phlox pilosa*

The brilliant dark rose phlox of our sandier soils. June flowering up to 15 inches. Last year we found in a limited area in Iowa beautiful pink and white variations of this which we hope to establish in the nursery for future offerings. 100 for \$12.00; 12 for \$2.00; Each 20c.

PRAIRIE SMOKE*Geum ciliatum*

Reddish flowers in spring from a generous tuft of leaves. From the fluffy seed heads comes the local name of Old Man's Whiskers. Up to 12 inches. 12 for \$2.00; 3 for 50c; Each 20c.

PRICKLY PEAR, LARGE*Opuntia compressa*

Crinkly yellow flowers, two and a half inches across in late June. Red edible fruits in fall. An easy hardy cactus. 3 for 50c; Each 20c.

PRICKLY PEAR, SMALL*Opuntia fragilis*

Though well established near here, it has never been known to flower here. Easy to grow. 3 for 50c; Each 20c.

RATTLESNAKE MASTER*Eryngium aquaticum*

Yucca-like foliage, easily grown in open up to five feet. Flowers paler than border Eryngos. 12 for \$2.50; 3 for 65c; Each 25c.

SHOOTING STAR*Dodecatheon meadia*

This lovely wild flower should be in every garden of natives. Clusters of white or pink cyclamen-like flowers in early June, on long stems. Sun or light shade and rich, well drained soil. They disappear in late summer. 100 for \$12.00; 12 for \$2.00; Each 20c.

SPIDERWORT, BLUE*Tradescantia reflexa*

The beautiful blue flower that clothes the railroad right of way with beauty thru June here in the middle west. Does well in any sunny situation. 12 for \$2.00; 3 for 50c; Each 20c.

SPIDERWORT, RAINBOW

Sky blue, dark blue, lavender, purple, heliotrope, rose, and pink are the colors produced by this variable plant. Stems grow up to 10 inches but flowering starts at about 4 inches early in the spring. 12 for \$2.50; 3 for 65c; Each 25c.

Tradescantia bracteata**SPURGE, FLOWERING**

Dainty sprays of white flowers that are cut for the flower market from their abundance in meadows here. Midsummer flowering. Three foot. 12 for \$1.50; Each 15c.

Euphorbia corollata**STRAWBERRY, BARREN**

Strawberry leaves and bright yellow flowers in spring. A good ground cover for sun or moderate shade. 100 for \$12.00; 12 for \$2.00; Each 20c.

Waldsteinia fragarioides**SUSAN, BLACK-EYED**

Bright yellow daisies with dark cone in centre. Biennial but self sows freely. 100 for \$10.00; 12 for \$1.50; Each 15c.

Rudbeckia hirta**SUSAN, BROWN-EYED**

Always admired as it grows here. Tall, to five feet, with a profusion of smaller deep yellow flowers with brown cones. Self-perpetuating biennial. 100 for \$10.00; 12 for \$1.50; Each 15c.

Rudbeckia triloba**TURTLEHEAD**

A plant for a moist place in full sun or light shade. Makes good clumps with stems of white flowers up to four feet. Good foliage effect, dark green and glossy. 12 for \$2.50; 3 for 65c; Each 25c.

Chelone glabra**VIOLET, BI-COLOR OR PANSY**

A variety with the two upper petals dark purple and lower petals lavender. Culture same as for *V. pedata*. 100 for \$12.00; 12 for \$2.00; Each 20c.

Viola pedata bicolor**VIOLET, BIRDSFOOT**

One of our lovely sand country flowers. A profusion of flowers in varying shades of lavender, in May from tufts of finely cut leaves. Give this violet a medium acid, well drained soil and open sun. 100 for \$10.00; 12 for \$1.50; Each 15c.

Viola pedata**VIOLET, LANCE-LEAVED WHITE**

Scentless white flowers and long narrow leaves. Damp sandy soil and sun. 3-4 inches. 12 for \$2.00; Each 20c.

Viola lanceolata**NUTTALLS VIOLET**

Lance-leaved, dusty gray-green. Nuttalls violet produces a profusion of yellow flowers in early spring. 12 for \$2.50; 3 for 65c; Each 25c.

Viola Nuttalli**VIOLET, SPEAR-LEAVED**

Long spear shaped leaves, large blue flowers in spring. Sandy soil and sun or light shade. 12 for \$2.00; Each 20c.

Viola sagittata

WATERSIDE PLANTS

Here are large and tiny for a natural grouping by a little brook, for a pondside or an artificial bog from a pool overflow.

BUTTERCUP, EARLY

About one foot high attractive foliage. Bright yellow flowers in April—a cheery harbinger. 12 for \$1.50; Each 15c.

Ranunculus fascicularis**CATTAIL**

Can be planted out under water in ponds, as well as on water margins. Grows up to eight feet. The matured seed spikes are decorative. 12 for \$2.00; 3 for 50c; Each 20c.

Typha latifolia**FLAG, BLUE**

Our native blue Iris growing to 30 inches or more. (See perennial list for the Yellow Flag Iris). 100 for \$10.00; 12 for \$1.50; Each 15c.

Iris versicolor**FLAG, SWEET**

To have nibbled the pungent root of sweet flag is one of the heritages of the country child. Narrow flag foliage up to six feet. 100 for \$12.00; 12 for \$2.00; Each 20c.

Acorus calamus**MARSH MARIGOLD**

Glorious golden yellow flowers in May. Thick heart-shaped leaves up to 12

Caltha palustris

inches that have provided many a country dish of "cowslip greens" in early spring. 100 for \$12.00; 12 for \$2.00; Each 20c.

SAXIFRAGE, VELVET***Saxifraga pennsylvanica***

Rosettes of velvety leaves. A three foot spike of greenish-yellow flowers. 12 for \$2.00; Each 20c.

SNEEZEWORT***Helenium autumnale***

Try this yellow ancestor of the brilliant new border Heleniums in the locale that one sees it here in Wisconsin, along stream banks. Fine for late summer color in the wild garden. 12 for \$2.00; Each 20c.

VIOLET, SWEET WHITE***Viola pallens***

Round leaves and tiny fragrant white flowers. Roots very shallow and needs light shade and constant moisture to thrive. 100 for \$10.00; 12 for \$1.50; Each 15c.

Wisconsin Trees and Shrubs

Name	—	Botanical Name	—	Ultimate ht.	—	Notable for	—	Size	—	12	—	Each
Ash, Mountain	—	<i>Sorbus americana</i>	—	25 ft.	—	orange berries	—	3 ft.	—	\$4.00	—	50c.
Birch, white	—	<i>Betula papyrifera</i>	—	25 ft.	—	white bark	—	3-4 ft.	—	\$7.50	—	75c.
Bittersweet	—	<i>Celastrus scandens</i>	—	cl.	—	orange berries	—	20 in.	—	\$3.50	—	35c.
Buffaloberry	—	<i>Shepherdia argentea</i>	—	7 ft.	—	silvery foliage	—	30 in.	—	\$4.00	—	50c.
Butternut	—	<i>Juglans cinerea</i>	—	60 ft.	—	edible nuts	—	2 ft.	—	\$3.00	—	35c.
Buttonballbush	—	<i>Cephalanthus occidentalis</i>	—	7 ft.	—	glossy leaves	—	3 ft.	—	\$5	—	50c.
Cherry, choke	—	<i>Prunus virginiana</i>	—	15 ft.	—	good bird food	—	4 ft.	—	\$4.00	—	40c.
Cherry, pin	—	<i>Prunus pennsylvanica</i>	—	12 ft.	—	attractive fruit	—	3 ft.	—	\$4.00	—	40c.
Cranberry, highbush	—	<i>Viburnum trilobum</i>	—	9 ft.	—	scarlet fruit	—	2 ft.	—	\$3.50	—	35c.
Dogwood, gray	—	<i>Cornus racemosa</i>	—	6 ft.	—	white fruit	—	3 ft.	—	\$4.00	—	50c.
Dogwood, silky	—	<i>Cornus amomum</i>	—	6 ft.	—	red bark	—	30 in.	—	\$4.00	—	40c.
Elderberry	—	<i>Sambucus canadensis</i>	—	7 ft.	—	edible berries	—	3 ft.	—	\$4.00	—	50c.
Elder, red	—	<i>Sambucus pubens</i>	—	7 ft.	—	red berries	—	3 ft.	—	\$4.00	—	50c.
Elm, American	—	<i>Ulmus americana</i>	—	100 ft.	—	vase outline	—	4 ft.	—	\$4.00	—	40c.
Hardhack	—	<i>Spiraea tomentosa</i>	—	3 ft.	—	summer flowers	—	24 in.	—	\$4.00	—	50c.
Hazelnut	—	<i>Corylus americana</i>	—	5 ft.	—	edible nuts	—	3 ft.	—	\$5.00	—	50c.
Holly, northern	—	<i>Ilex verticillata</i>	—	7 ft.	—	red berries	—	18 in.	—	\$3.50	—	35c.
Indian Currant	—	<i>Symphoricarpos orbiculatus</i>	—	5 ft.	—	red fruits	—	2 ft.	—	\$4	—	40c.
Juneberry, dwarf	—	<i>Amelanchier stolonifera</i>	—	3 ft.	—	edible fruits	—	2 ft.	—	\$5	—	50c.
Nannyberry	—	<i>Viburnum lentago</i>	—	6 ft.	—	black fruits	—	3 ft.	—	\$5.00	—	50c.
Ninebark	—	<i>Physocarpus opulifolius</i>	—	8 ft.	—	reddish pods	—	4 ft.	—	\$5.00	—	50c.
Plum, wild	—	<i>Prunus americana</i>	—	10 ft.	—	white flowers	—	3 ft.	—	\$4.00	—	40c.
Rose, meadow	—	<i>Rosa blanda</i>	—	4 ft.	—	red fruits	—	3 ft.	—	\$6.00	—	75c.
Rose, prairie	—	<i>Rosa setigera</i>	—	5 ft.	—	July flowering	—	3 ft.	—	\$5.00	—	65c.
Sumac, smooth	—	<i>Rhus glabra</i>	—	6 ft.	—	plush fruits	—	3 ft.	—	\$5.00	—	50c.
Sumac, staghorn	—	<i>Rhus typhina</i>	—	20 ft.	—	autumn color	—	3 ft.	—	\$5.00	—	50c.
Sweetfern	—	<i>Comptonia aspleniifolia</i>	—	4 ft.	—	fragrant leaves	—	3 ft.	—	\$5.00	—	50c.
Viburnum, mapleleaved	—	<i>Viburnum acerifolium</i>	—	4 ft.	—	autumn color	—	2 ft.	—	\$5.00	—	50c.
Wahoo	—	<i>Evonymus atropurpurea</i>	—	12 ft.	—	crimson fruit	—	3 ft.	—	\$6.00	—	60c.
Walnut, black	—	<i>Juglans nigra</i>	—	100 ft.	—	edible nuts	—	2 ft.	—	\$3.50	—	35c.
Witchhazel	—	<i>Hammamelis virginiana</i>	—	9 ft.	—	autumn flowers	—	2 ft.	—	\$6.00	—	65c.

BULBS OF INTEREST

BLUE CAMASS***Camassia Esculenta***

Many garden authorities are recommending this hardy native of the middle west in place of unobtainable European bulbs. Light blue to white flowers on two foot stems. Plant in autumn in loamy soil. For clumps in borders or naturalizing. May flowering. 12 for \$2.50; 3 for 65c, Each 25c.

HALL'S HARDY AMARYLLIS***Lycoris Squamigera***

One of the early introductions from Japan, it has for many years added distinction to gardens; essential where an old-time atmosphere is desired. Strap leaves in spring which disappear in early summer. In August on stout two foot

stems are fragrant light pink lily-like flowers three inches long. 3 for \$1.25; Each 50c.

PINK LILY-OF-THE-VALLEY

Delicate light pink bells instead of the usual white. Otherwise the same vigorous growth for shady ground cover. 3 for \$1.25; Each 50c.

DAYLILIES -- HEMEROCALLIS

Very valuable are the new varieties of orange and lemon day-lilies for their long season of bloom through the hot summer months.

Hyperion Light yellow of good substance; broad petalled effect. Late flowering, July and August. 40 inches.

Mikado Deep orange petals with darker marking. July flowering. Number one in popularity polls. 36 inches.

Ophir Golden yellow flower especially recommended for long blooming thru the summer. 40 inches.

All Hemerocallis: 12 for \$5.00; Each 50c. One each of above three varieties for \$1.25.

LILIES

STAR LILY

Lilium Concolor

An elegant early flowering lily. Glowing red petals opening star fashion on three foot stems in early June. A glowing spot of color for front of border or rock garden. Plant 4 inches deep. 12 for \$2.50; Each 25c.

CANDLESTICK LILY

Lilium Elegans

The brilliant orange-red upright cup-shaped lilies of late June. Stout many flowered stems to two feet. Easy grower and an old-time favorite. Plant 5 inches deep. 12 for \$2.50; Each 25c.

HENRY'S LILY

Lilium Henry

From China comes a truly beautiful and hardy lily. Deep orange in color with reflexed petals. It grows tall and likes to have its roots shaded with foliage of other plants. August flowering. Plant 8 inches deep. 12 for \$4.00; Each 40c.

REGAL LILY

Lilium Regale

Large trumpet lilies pendant on four foot and taller stems, white with darker blends outside of petal. Fragrant. Early summer flowering. Plant 8 inches deep. 12 for \$2.50; Each 25c.

CORAL LILY

Lilium Tenuifolium

Much admired lily. In early June numerous nodding reflexed bright scarlet flowers on two foot stems. Excellent in the rock garden. Plant 4 inches deep. 12 for \$2.50; Each 25c.

DOUBLE TIGER LILY

Lilium Tigrinum Fl. Pl.

A salmon-red double dark-spotted flower of good substance. Tall stout stems in open sun. July-August flowering. For color in the border when most needed. Plant 5 inches deep. 12 for \$2.50; Each 25c.

FOR THE ROCK GARDEN

THREE WESTERN PLAINS GEMS

These have been very satisfactory in our own rock garden. Give them light shade or open sun with good drainage and a gritty, limy rock garden mixture.

Dodecatheon Pauciflorum A deep rose-pink flower from a tuft of leaves not over six inches. A delightful showy shooting star in miniature and most brilliant in effect. 3 for 95c; Each 35c.

Leucocrinum Montanum A sand lily that sends up many pure white flowers nestled in a tuft of grassy leaves. Delightfully fragrant. 3 for 95c; Each 35c.

Mertensia Lanceolata A miniature Virginia blue bell with lovely glaucous foliage. You can have in your garden every spring the brilliant blue flowers that I saw on Cement Ridge in the Black Hills last June. 3 for 95c; Each 35c.

3 plants of each of above, 9 plants, for \$2.50.

A CHOICE . . .

ROCK GARDEN VERONICA

VERONICA FRUTICANS—

For a number of years we had in the rock garden a low shrubby plant always of very neat appearance with glossy green small oval leaves densely crowding the 3 to 4 inch upright stems. In May came an abundance of light blue flowers veined darker which identified it as a Veronica. Mr. Everett, of the New York Botanical Gardens, has supplied us with the above identification. It also follows Farrer's description of *V. Saxatilis*; and evidently is of a variable group from the mountains of Europe and Greenland. We recommend it highly. 12 for \$2.50; 3 for 65c; Each 25c.

HARDY PERENNIALS AND ROCK PLANTS

We have found at various times a listing of perennials and rock garden plants in a tabular form very useful for quick reference when preparing landscape plans. We would be pleased to hear whether you find it convenient or not in ordering.

Unless otherwise indicated prices are 12 for \$2.50; 3 for 65c; Each 25c.

(* indicates longer period of bloom than one month)

Name — Use—Height—Flower—Color—Month

- Achillea millefolium* roseum—Border—3 ft.—deep rose—June*.
Achillea ptarmica Perrys White—Border—18 in.—white—June*.
Aconitum Fischeri (Monkshood)—border—5 ft.—blue—Sept.
Ajuga reptans (Bugleweed)—ground cover—8 in.—blue—May.
 100 for \$10.00; 12 for \$2.00; Each 20c.
- Alyssum saxatile compactum*—rock garden—9 in.—yellow—May.
Anchusa myosotidiflora—rock garden—12 in.—blue—May.
Anemone pulsatilla (Windflower)—rock garden—12 in.—purple—April
Anthemis tinctoria (Golden Marguerite)—border—3 ft.—yellow—June*.
Anthemis sancti-johannis—border—3 ft.—golden-yellow—July.
Aquilegia alpina—rock garden—12 in.—blue—July.
Aquilegia coerulea (Rocky Mt. Columbine)—border—3 ft.—blue—May.
Aquilegia Crimson Star—border—2 ft.—red and white—May.
Aquilegia Long Spurred Hybrids—border—2½ ft.—various—May.
Arabis albidia—rock garden—8 in.—white—May.
Arabis procurrens—rock garden—10 in.—white—May.
Armeria lauchiana (Thrift)—rock garden—8 in.—pink—June*.
Armeria setacea—rock garden—5 in.—light pink—June.
Artemesia lactiflora (White Mugwort)—border—4 ft.—white—Aug.*.
Artemesia Silver King—border—3½ ft.—silver foliage.
Aster acris nana—border—12 in.—light blue—Sept.
Aster alpinus—rock garden—10 in.—blue—May*
Aster hybridus luteus—border—2½ ft.—yellow—Sept.
 3 for 95c; Each 35c.
- Aster Lilac Time*—border—12 in.—lilac—Sept.
Aster Nancy—border—10 in.—light pink—Sept.
Aster novae-angliae (New England)—border—4 ft.—various—Sept.
Aster Red Rover—border—3 ft.—red—Sept.
Baptisia australis—border—4 ft.—blue—June.
Bocconia cordata (Plume Poppy)—border—7 ft.—Cream—July.
Boltonia latisquama—border—5 ft.—light pink—Sept.
Callirhoe involucreta (Poppy-mallow)—rock garden—12 in.—red—June*.
Campanula carpatia—border—15 in.—blue—June*.
Campanula carpatia nana—rock garden—6 in.—blue—June*.
Campanula persicifolia (Peachlvd-bells)—border—2½ ft.—blue—June*.
Cerastium tomentosum (Snow-in-Summer)—rock garden—10 in.—white—May.
Chelone lyoni (Turtlehead)—border—3 ft.—rose-purple—August*.
Chrysanthemum morifolium—border—2½ ft.—pink—Oct.

- Clematis Davidiana*—border—3 ft.—blue—Aug.
Clematis recta—border—3 ft.—white—June*.
Coreopsis lanceolata—border—30 in.—yellow—June*.
Delphinium belladonna—border—30 in.—light blue—June*.
Delphinium bellamosum—border—30 in.—dark blue—June*.
Delphinium chinensis—border—2 ft.—blue—July.
Delphinium Pacific Hybrids—border—4 ft.—various—June*.
 12 for \$3.50; 3 for 95c; Each 35c.
Delphinium Tooles Summer Cloud—border—4 ft.—white—June*.
 12 for \$3.50; 3 for 95c; Each 35c.
Dianthus arvernensis—rock garden—3 in.—pink—May.
Dianthus barbatus (Sweet William)—border—18 in.—various—June.
Dianthus deltoides (Maiden Pink)—rock garden—8 in.—dark pink—June.
Dianthus plumarius (Grass Pink)—border—15 in.—various—June.
Dicentra eximia (Plumy Bleedingheart)—rock garden—18 in.—pink—May*.
Dicentra spectabilis (Bleedingheart)—border—2 ft.—pink—May.
Dictamnus fraxinella (Gasplant)—border—3 ft.—rose-pink—July.
Digitalis ambigua—border—2 ft.—yellow—June.
Dracocephalum Ruyschiana—border—2 ft.—blue—June.
Echinacea purpurea (Purple Coneflower)—border—4 ft.—purple—July*
Eryngium amethystinum—border—18 in.—blue—July*.
Filipendula hexapetala—border—3 ft.—white—June.
Filipendula rubra (Queen of the Prairie)—border—5 ft.—pink—July.
Filipendula ulmaria variegata—border—2 ft.—white—June.
Gaillardia grandiflora—border—3 ft.—red and yellow—June*.
Gaillardia Portola Hybrids—border—2½ ft.—yellow—June*.
Galium verum (Bedstraw)—rock garden—12 in.—yellow—July.
Geum atrosanguineum—rock garden—18 in.—red—June*.
Gypsophila Oldhamiana—border—2½ ft.—pink—Sept.*
Gypsophila paniculata—border—3 ft.—white—June*.
Gypsophila repens—rock garden—6 in.—lt. pink—July*.
Helenium Riverton Gem—border—3 ft.—reddish—Sept.
Helianthemum Ben Nevis—rock garden—12 in.—yellow—June
Helianthemum Clara Middleton—rock garden—12 in.—orange—June
Helianthemum Fireball—rock garden—12 in.—dbl. red—June.
Helianthemum rhodanthe—rock garden—12 in.—pink—June
Hemerocallis flava (Lemon Lily)—border—2½ ft.—yellow—June
Hemerocallis fulva (Orange Lily)—border—3 ft.—orange—July
Hemerocallis Gold Dust—border—2½ ft.—dark yellow—June
Hemerocallis Kwanso—border—4 ft.—dbl. orange—July
Heuchera sanguinea (Coral Bells)—rock garden—15 in.—red—June*
Hibiscus moscheutos (Marshmallow)—border—6 ft.—rose-pink—July*
Hosta japonica (Narrow-lvd. Funkia)—border—2 ft.—lavender—August*
Iberis sempervirens Little Gem—rock garden—6 in.—white—May
Iris foliosa—rock garden—18 in.—blue—June
Iris missouriensis—border—18 in.—light blue—June
Iris pseudacorus (Yellow Flag)—border—3 ft.—yellow—June
Iris sibirica (Siberian Iris)—border—3 ft.—dark blue—June
Lamium maculatum (Silvermint)—border—12 in.—rose—June
Linum perenne (Blue Flax)—border—2 ft.—blue—June*
Lychnis chalconica (Maltese Cross)—border—2½ ft.—scarlet—June*
Lychnis coronaria (Rose Campion)—border—3 ft.—crimson—June*
Lysimachia Fraseri—border—5 ft.—yellow—July.
Lysimachia punctata—border—3 ft.—yellow—June.
Monarda didyma (Beebalm)—border—3 ft.—scarlet—July.
Nepeta mussini—border—2 ft.—lav. blue—May*
Papaver orientale (Oriental Poppy)—border—2 ft.—red—June.
Papaver Olympia—border—18 in.—red—June.
Phlox Africa—border—2½ ft.—carmine-red—July.
Phlox Bridesmaid—border—3 ft.—white, crimson eye—July.
Phlox Commander—border—2 ft.—Crimson-red—July.

Phlox E. I. Farrington—border—2 ft.—salmon-pink—July.
 Phlox Europa—border—2½ ft.—white, carmine eye—July.
 Phlox Flora Reidy—border—2½ ft.—white—July.
 Phlox George Stipp—border—2½ ft.—deep salmon—July.
 Phlox Louise—border—18 in.—light salmon—July.
 Phlox Miss Lingard—border—2 ft.—white—June.
 Phlox Milly von Hoboken—border—2½ ft.—soft pink—July.
 Phlox Mrs. Jenkins—border—2½ ft.—white—July.
 Phlox Rijnstroom—border—2½ ft.—dark rose—July.
 Phlox Siebold—border—2 ft.—salmon pink—July.
 Phlox Widar—border—2½ ft.—violet—July.

For *Phlox divaricata* and *Phlox pilosa* see native plant section.

Phlox amoena—rock garden—6 in.—lilac pink—May.
 Phlox subulata alba—rock garden—5 in.—white—May.
 Phlox subulata atropurpurea—rock garden—5 in.—deep red—May.
 Phlox subulata Fairy—rock garden—5 in.—lavender—May.
 Phlox subulata Mrs. G. F. Wilson—rock garden—5 in.—lavender—May.
 Phlox subulata rosea—rock garden—5 in.—rose-pink—May.
 Phymosia remota—border—5 ft.—light pink—Aug.
 Platycodon grandiflorum—border—2 ft.—blue—July*
 Potentilla verna nana—rock garden—3 in.—yellow—May.
 Primula polyantha—rock garden—8 in.—various—May.
 Pyrethrum corymbosum—border—2½ ft.—white—July.
 Pyrethrum James Kelway—border—2 ft.—red—June.
 Pyrethrum roseum—border—2½ ft.—pink—June.
 Saponaria ocymoides—rock garden—4 in.—pink—May*
 Scabiosa caucasica—border—2½ feet.—lav. blue—June*
 Scabiosa Fischeri—border—3 ft.—dark lavender—Aug.
 Scutellaria baicalensis coelestina—border—15 in.—blue—July*
 Sedum acre—rock garden—3 in.—yellow—June.
 Sedum album—rock garden—5 in.—white—June.
 Sedum Ellacombianum—rock garden—6 in.—yellow—July.
 Sedum Ewersi—rock garden—6 in.—rose—Aug.
 Sedum Middendorffianum—rock garden—8 in.—yellow—Aug.
 Sedum reflexum—rock garden—6 in.—yellow—June.
 Sedum sarmentosum—rock garden—4 in.—yellow—June.
 Sedum spectabile—border—15 in.—pink—Sept.
 Sedum spurium coccineum—rock garden—6 in.—lt. red—July.
 Sedum ternatum—rock garden—4 in.—white—May.

All Sedums 12 for \$2.00; Each 20c.

Sempervivum Brauni—rock garden—green rosettes tipped brown.
 Sempervivum globiferum—rock garden—Light green rosettes.
 Sempervivum Tooles Seedlings—Variously shaded large rosettes.

All Sempervivums: 12 for \$2.00; Each 20c.

Stachys lanata—border—12 in.—rose-pink—June.
 Statice dumosa—border—12 in.—silvery-gray—July.
 Statice latifolia—Border—2 ft.—lavender—Aug.
 Thymus angustifolius—rock garden—trailing—narrow-leaved.
 Thymus argenteus—rock garden—8 in.—Silver-variegated.
 Thymus citriodorus—rock garden—8 in.—lemon-scented.
 Thymus herba-baronna—rock garden—creeping—caraway-scented.
 Thymus maculata—rock garden—4 in.—shiny leaves.
 Thymus serpyllum—rock garden—4 in.—Mother-of-Thyme.
 Thymus serpyllum aureus—rock garden—8 in.—golden leaves.
 Thymus serpyllum coccineus—rock garden—4 in.—crimson flowering.
 Thymus serp. lanuginosus—rock garden—4 in.—wooly-leaved.
 Thymus serp. roseus—rock garden—4 in.—rose flowers.

All Thymes: 12 for \$2.00; Each 20c.

Trifolium repens purpureum—ground cover—4 in.—purple-leaved.
 Tunica saxifraga—rock garden—6 in.—pink—July.

Veronica incana—border—12 in.—blue—July.
 Veronica longifolia subsessilis—border—2 ft.—dark blue—Aug.

Veronica spicata—border—18 in.—blue—June.
 Veronica spicata rosea—border—18 in.—pink—June.
 Viola Jersey Gem—border—6 in.—violet—May*
 Viola odorata—border—6 in.—blue—May.
 Viola Rosina—border—8 in.—rose-pink—May*
 Vinca minor—ground cover—5 in.—blue—April.
 100 for \$10.00; 12 for \$2.00; Each 20c.

Herb Plants

Balm (*Melissa officinalis*)—Perennial. Leaves deliciously scented with lemon. Used as a tea, to flavor other drinks, as medicine and for fragrance. **Plants, Each 25c; 3 for 65c; per Dozen \$2.50; Seeds, per Packet 10c.**

Basil, Sweet (*Ocimum basilicum*)—Annual. The spicy fragrance blends well as a flavoring for tomatoes, fish sauces and for many other dishes. Green Basil with large leaves, and Purple Basil, with purple foliage. **Plants, Each 10c; Dozen \$1.00; Seeds, per Packet 10c.**

Bee Balm (*Monarda didyma*)—Perennial. Brilliant red flowers in summer. The fragrant leaves are used as a beverage tea. **Each 25c; 3 for 65c; per Dozen \$2.50.**

Burnet (*Sanguisorbia minor*)—Perennial. The young leaves are used in salads to add the flavor of cucumbers. Loses flavor when dried but makes a good vinegar. **Each 25c; 3 for 65c; per Dozen \$2.50; Seeds, per Packet 10c.**

Chamomile, Roman (*Anthemis nobilis*)—Perennial. Home remedy and beauty treatment. The dried flowers are steeped as a tea. The low growing fern-like foliage is sometimes used to carpet paths or as a lawn. **Each 20c; 3 for 50c; per Dozen \$2.00.**

Chicory, Witloof or French Endive—Perennial, with ornamental blue flowers. The blanched leaves are used as a salad, dried roots are used for a coffee substitute. **Each 20c; 12 for \$2.00; Seeds, per Packet 10c.**

Chives (*Allium schoenoprasum*)—Perennial. The tender tops are used wherever a mild onion-like flavor is desired. The deep lilac heads of flowers are also very ornamental. **Clumps, Each 15c; 3 for 40c; 12 for \$1.50.**

Costmary (*Tanacetum balsamita*)—Perennial. Grown for the fragrance of its leaves. An old garden favorite. **Each 25c; 3 for 65c; 12 for \$2.50.**

Camphor Plant (*Balsamita vulgaris*)—Perennial. Leaves and flowers like costmary, but with strong camphor fragrance. Grows up to two feet. **Each 35c; 3 for 95c.**

Comfrey (*Symphytum officinale*)—Perennial. An old time medicinal herb flowering early in the season. Coarse leaves, growing from 18 to 36 inches. **Each 25c; 3 for 65c.**

Elecampane (*Inula helenium*)—A tall perennial, with yellow flowers. Roots used as a remedy for colds and lung ailments. **Each 25c; 3 for 65c; 12 for \$2.50.**

Germander (*Teucrium chamaedrys*)—Perennial. Once both a culinary herb and an herb of medicine and magic. Small dark green oak shaped leaves. Now more highly valued for use as a tiny clipped hedge around formal beds of herbs. **Each 20c; per Dozen \$2.00; per 100, \$12.00.**

SCENTED GERANIUMS OR PELARGONIUMS

All the varieties of scented geraniums are tender and must be carried over winter as house plants in cold climates.

We have traced back the names as nearly as we can but have no doubt that further study will disclose mistakes. We will be pleased at any help that you can give us at any time.

Balm Scented (*P. melissimum*)—Large coarsely lobed leaves. Combined spice and lemon fragrance. Flowers light pink, purple veined. **Each 35c.**

Please note that prices include delivery charges paid anywhere in this country, on orders of \$1.00 or more.

are sometimes used in cooking and the stems blanched and used as a vegetable. Not at all common. **Plants, Each 25c; 3 for 65c; 12 for \$2.50; Seeds, per Packet 10c.**

Parsley, Fine Curled—Probably the most used flavoring herb. Can be used green and dries easily for winter use. **Plants, Each 10c; per Dozen \$1.00.**

Rosemary (*Rosmarinus officinalis*)—The fragrant leaves are used in sachets and pot pourris, also to flavor roasts and stews. Perennial shrub in mild climates but tender in the north and must be taken inside over winter. **Plants, Each 35c; 3 for 95c; 12 for \$3.50.**

Rue, Herb of Grace (*Ruta graveolens*)—A strongly scented perennial herb with attractively formed foliage and curious yellow flowers. An old-time medical herb and once used as a flavoring for salads but too strong for most modern tastes. May be used as a low clipped border plant for formal beds. **Plants, Each 25c; 3 for 65c; per Dozen \$2.50; per 100 \$12.00; Seeds, per Packet 10c.**

Sage (*Salvia officinalis*)—Used to flavor poultry, pork and other food. Also an old home remedy. Perennial. **Plants, Each 25c; 3 for 65c; per Dozen \$2.50; Seeds, per Packet 10c.**

Shallot (*Allium ascalonicum*)—This member of the onion tribe is used in making an herb vinegar. The flavor is hard to describe but is something like a mild garlic. We do not know how hardy it is in Wisconsin as yet. **Plants, Each 20c; 3 for 50c; 12 for \$2.00.**

Winter Savory (*Satureia montana*)—Perennial. More pungent than the above but used in much the same way. Makes a good edging plant for formal beds or for "Knot Gardens". **Plants, Each 20c; 3 for 50c; 12 for \$2.00; Seeds, per Packet 10c.**

Dwarf Winter Savory—This is a very compact and low growing form that is very good for formal borders or designs. **Plants, Each 25c; 3 for 65c; 12 for \$2.50.**

Skirret—An old fashioned perennial herb, the roots being roasted or boiled and used in salads. **Plants, Each 20c; 3 for 50c; 12 for \$2.00.**

French Sorrel (*Rumex scutatus*)—Basis for the popular Sorrel soup so much used in France. Adds sprightliness to salads, sauces, spinach and omelets. Perennial. **Plants, Each 25c; 3 for 65c; 12 for \$2.50; Seeds, per Packet, 10c.**

Southernwood, Lads Love, Maidens Ruin (*Artemisia abrotanum*)—A hardy shrubby plant. Formerly used in love potions, in medicine and much esteemed for its fragrant finely cut foliage. Makes a very attractive clipped hedge. Height to 4 ft. **Plants, Each 25c; 3 for 65c; 12 for \$2.50.**

Southernwood Dwarf Form—This variety is dwarf in form, reaching about 18 in. and trims well for dwarf hedges or formal borders. **Each 25c; 3 for 65c; per Dozen \$2.50; per 100 \$12.00.**

Sweet Flag (*Acorus calamus*)—A native perennial with aromatic roots with a sweet pungent taste of ginger. The roots are sometimes candied, also used in perfumes and medicines. **Plants, Each 20c; 3 for 50c; 12 for \$2.00.**

True Tarragon (*Artemisia dracunculus*)—One of the indispensable herbs, the basis for the well known Tarragon Vinegar, and used in salad dressings and special meat sauces. Perennial. **Plants, Each 35c; 3 for 95c; 12 for \$3.50.**

Tansy (*Tanacetum vulgare*)—Perennial. A strongly aromatic plant, widely popular as a home remedy and sometimes used in cookery and as a tea. **Plants, Each 20c; 3 for 50c; 12 for \$2.00.**

Rampion (*Campanula rapunculus*)—A rarely grown salad herb or vegetable. It is an easily grown biennial, and if the seeds are sown in May the roots will be ready to use in late fall. The roots are eaten raw or boiled and the tops also used as greens. **Plants, Each 20c; per Dozen \$2.00; Seeds, per Packet 10c.**

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Thyme, Kitchen (*Thymus vulgaris*)—This is another of the favorite kitchen herbs widely used as a flavoring for many kinds of dishes. **Plants, Each 20c; 3 for 50c; 12 for \$2.00; Seeds, per Packet 10c.**

Thyme, Lemon Scented—The lemon scented Thymes are deliciously scented of lemon and may be used as a flavoring for drinks. **Each 20c; 3 for 50c; 12 for \$2.00.**

Caraway Thyme (*Thymus Herba barona*)—With the flavor of caraway, sometimes with a touch of anise scent also. Creeping. **Plants, Each 20c; 3 for 50c; 12 for \$2.00.**

Culvers Physic (*Veronica Virginica*)—The roots of this native plant were used as a remedy, and the plant with its long spikes of white or lightly tinted flowers in midsummer is quite ornamental. **Plants, Each 25c; 3 for 65c; 12 for \$5.00.**

Wormwood (*Artemisia absinthum*)—A gray-leaved perennial, used as an old home remedy. **Plants, Each 20c; 3 for 50c; 12 for \$2.00; Seeds, per Packet 10c.**

WINDOW BOX COLLECTION OF FRAGRANT AND CULINARY HERBS

Window box growing of herbs is interesting. The following kinds have been among the most successful with us. One each of Rosemary, Lavender, Rose Geranium, Parsley, Chives, Mint and Basil, seven plants for \$1.50 prepaid.

SOME BOOKS ABOUT HERBS

Price includes postage paid in this country.

MAGIC GARDENS: A Modern Chronicle of Herbs and Savory Seeds, by Rosetta E. Clarkson. This delightful book gives detailed information about more than 200 herbs; practical suggestions with charts for the little known phases of herb culture and planting, recipes, household hints, other uses and their traditions and legends. Over 50 illustrations which include reproductions from famous old herbals; 375 pages. **\$3.00**

GREEN ENCHANTMENT, by Rosetta E. Clarkson. A delightful new book by the author of Magic Gardens, with chapters on monastery gardens beginnings of the flower garden, sweet scented geraniums, creeping thymes, fragrant mints and other old-time favorites. A book to enjoy and to refer to. **\$3.00**

GARDENING WITH HERBS FOR FLAVOR AND FRAGRANCE, by Helen Morgenthau Fox. Herbs in the garden, over the stove and in the ice box are described by this gardener who grew them for three years before selecting her list of 68 varieties that can profitably be grown by gardeners in America. 190 pages are devoted to careful and accurate notes on cultivation, season, fragrance, and appearance of flowers, seeds, and leaves. 56 expert recipes are also included. 334 pages, 12 illustrations. **\$2.50**

HERBS AND THE EARTH, by Henry Beston. Interesting and readable as a book and one we often refer to. The author lists and describes the various herbs and their culture and associates them with their ancient historical past. **\$2.00**

HERBS, HOW TO GROW THEM AND HOW TO USE THEM, by Helen Noyes Webster. The title quite well describes the scope of this book by Mrs. Webster. A surprising amount of useful and interesting information about the growing and use of herbs condensed within its pages. **\$1.00**

NEW DWARF IRIS, SIBERIAN IRIS AND HEMEROCALLIS

We are pleased to announce that we shall be able to supply in limited numbers Dwarf and Siberian Iris in named varieties from a notable private collection. As these constitute some 160 names in Dwarf Iris and 40 names in Siberian Iris we are not listing them separately this fall. Kindly send for separate listing if interested.

12 Dwarf Iris all labeled with name and color, mixed blue, violet, lavender, white, azure, yellow, purple, reddish, for \$2.50, Each 25c.

12 Siberian Iris, all labeled with name and color, light to dark blue, lavender, white, purple, for \$3.00; Each 35c.

Also a list of new varieties of Hemerocallis to number of 75 is available on request. If you are not familiar with the newer Hemerocallis we refer you to the three excellent summer flowering varieties offered earlier in the catalog.

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plant food

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Nitrogen.....5%
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A complete balanced plant ration of **ORGANIC** substances for lawns, flowers, vegetables, shrubbery, trees and potted plants. Scientifically prepared without objectionable odors and combined with a processed mineral soil conditioner to create a permanent porosity and to retain moisture. The outstanding feature of Culturaid is that its nutrients are available over a long extended period and every particle is beneficial to promote luxuriant plant growth.

1 lb. carton.....20c 25 lb. bags.....\$1.75
5 lb. carton.....60c 50 lb. bags..... 2.75
Culturaid Sticks.....20c per carton

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